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Please type a plus sign (+) inside this box \rightarrow PTO/SB/05 (08/00) Approved for use through 09/30/00. OMB 0651-0032 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number UTILITY Attorney Docket No. 20397.833.302 PATENT APPLICATION **TRANSMITTAL** Only for new nonprovisional applications under 37 CFR 1.53(b)) First Inventor or Application Identifier Meli Bidirectional Multichannel Optical Telecommunication System Express Mail Label No. EV 333 491 019 US Mail Stop Patent Application ADDRESS TO: APPLICATION ELEMENTS Commissioner for Patents See MPEP chapter 600 concerning utility patent application contents. P.O. Box 1450 Alexandria, VA 22313-1450 CD-Rom or CD-R in duplicate, large table or Computer ☐ Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) program (Appendix) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. See 37 CFR 1.27. (if applicable, all necessary) Specification [Total Pages 48] Computer Readable Form (CFR) (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications CD-ROM or CD-R (2 copies); or - Statement Regarding Fed-Sponsored R&D - Reference to sequence listing, a table, or a computer program ☐ Paper listing appendix ☐ Statement verifying identity of above copies - Background of the Invention ACCOMPANYING APPLICATION PARTS - Brief Summary of the Invention - Brief Detailed Description of the Drawings Assignment Papers (cover sheet & document(s)) - Detailed Description - Claim(s) 10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee) ☑ Drawing(s) (35 U.S.C. 113) [Total Sheets 5] 11. English Translation Document (if applicable) Oath or Declaration [Total Pages ___] ☐ Copies of IDS Citations Newly executed (original or copy) Statement (IDS) PTO-1449 Copy from a prior application (37 CFR 1.63(d)) Preliminary Amendment (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) ☐ DELETION OF INVENTOR(S) (Should be specifically itemized) Signed statement attached deleting inventor(s) ☐ Certified Copy of Priority Document(s) named in the prior application, see 37 CFR (if foreign priority is claimed) 1.63(d)(2) and 1.33(b). 16. Nonpublication Request under 35 U.S.C. 122 Application Data Sheet. See 37 CFR 1.76 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent Other: If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76. □ Continuation □ Divisional Continuation-in-part (CIP) of prior application No. 10/188,659 Prior application information: Examiner Agustin Bello Group/Art Unit: 2633 For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 021971 or Correspondence address below (Insert Customer No. or Attach bar code label here) NAME **ADDRESS** STATE ZIP CODE

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Name (Print/Type)	Kenta Suzue	Registration No. (Attorney/Agent) 45,145	
Signature	Valch	Date October 14, 2003	